

ArmaKleen Technical Service Report Summary

Cleaning Trial Type: Aqueous

Industry: Ammunition parts

Segment: 23 – Mfg – Electrical Equipment & Computers

Soil: oil and cutting fluids

Substrate: Steel, Stainless Steel, Aluminum

Description of Part(s): Assorted steel bolts/connectors, stainless steel bolts/connectors, aluminum connectors and small stainless steel connector/plugs

Customer objective: The customer was looking to improve their cleaning performance and automate their cleaning process.

Cleaner used: 10% by volume solution of ArmaKleenM-HP-2

Machine used: Spray Under Immersion Washer (Graymills T12, Graymills T24, SK Model 81.8 w/SUI)

Temperature used: 160°F

Time required: 15-30 minutes

Post Cleaning: No fresh water rinse and air dried for trial #1. Trial #2 also did not go through a fresh water rinse but was dipped/soaked in *3% solution of ArmaKleen™ M-RP for 10 minutes* and then air dried.

Recommendation to Customer: The ArmaKleen Technical Center recommends using a 10% by volume solution of ArmaKleen™ M-HP-2 at 160°F in a Spray-Under Immersion Washer (*no fresh water rinse*) for a minimum of 15-30 minutes or a 10% by volume solution of ArmaKleen™ M-HP-2 (*no fresh water rinse and a 3% by volume solution of ArmaKleen™ M-RP soak/dip for 10 minutes*) for a minimum of 15-30 minutes.

Before Picture



After Picture



Source: TSR #17-A-105